

XP-002126187

AN - 1981-74678D [41]

A - [001] 011 04- 065 231 239 244 245 252 259 609 623 627 678 694 720 722

CPY - NIDF

DC - A85 L03

FS - CPI

IC - B01J2/00 ; C04B35/00

KS - 0231 1976 1989 2007 2682 2742 2743 2857

MC - A12-A A12-E01 L02-G07 L03-B01A L03-B02 L03-B03

PA - (NIDF) NEW NIPPON ELECTRIC CO LTD

PN - JP56108523 A 19810828 DW198141 004pp

PR - JP19800010415 19800130

XIC - B01J-002/00 ; C04B-035/00

AB - J56108523 Granulating by mixing powders and binder into solvent whose product of dielectric constant and dielectric loss is larger than that of either the powder or the binder, and treating the resulting fluid by high frequency heating.

- Material powders such as ceramic powders and binder such as PVA, starch or nitrocellulose are mixed with solvent like water, and the mixt. so prepd. is placed in a container. In this case, the powder, binder and container are selected in such a manner that the product of dielectric constant and dielectric loss of each material is smaller than that of solvent. Then, the container included the fluid is placed in the heating chamber of a conventional high frequency heating appts. and heated with high frequency from magnetron. Thus, the fluid is subjected to interior heating, and dried uniformly from inside to outside. The dried solid so treated is very porous, and therefore, serves to production of uniform electronic part like capacitor.
- The process is used for mfg. raw material of electronic parts such as moisture sensitive element and magnetic capacitor.

AW - POLYVINYL ALCOHOL

AKW - POLYVINYL ALCOHOL

IW - GRANULE CERAMIC POWDER PVA STARCH CELLULOSE MIX WATER DRY HIGH FREQUENCY HEAT APPARATUS MAGNETRON

IKW - GRANULE CERAMIC POWDER PVA STARCH CELLULOSE MIX WATER DRY HIGH FREQUENCY HEAT APPARATUS MAGNETRON

NC - 001

OPD - 1980-01-30

ORD - 1981-08-28

PAW - (NIDF) NEW NIPPON ELECTRIC CO LTD

TI - Granulation of ceramic powder with PVA, starch or cellulose - by mixing with water and drying using high frequency heating appts. e.g. magnetron